

Superfund Records Center
SITE: Western Sand & Gravel
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Western Sand & Gravel

NPL Site Administrative Record

Index

Compiled: March 16, 1990
Updated: November 21, 1990
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Prepared for

Region I
Waste Management Division
U.S. Environmental Protection Agency

With Assistance from

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Introduction

This document is the Index to the Administrative Record for the April 16, 1991 Record of Decision (Operable Unit III - Groundwater Remedy) for the Western Sand and Gravel National Priorities List (NPL) site. Section I of the Index cites site-specific documents and Section II cites guidance documents used by EPA staff in selecting a response action at the site.

The Administrative Record is available for public review at EPA Region I's Office in Boston, Massachusetts and at the Burrillville Town Building, 105 Harrisville Main Street, Harrisville, Rhode Island 02830. *This Administrative Record includes, by reference only, all documents included in the Administrative Record for the September 28, 1984 Record of Decision (Operable Unit I - Temporary Domestic Well Treatment and Permanent Alternative Water Supply) and the Administrative Record for the September 30, 1985 Record of Decision (Operable Unit II - Source Control).* Questions concerning the Administrative Record should be addressed to the EPA Region I site manager.

The Administrative Record is required by the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), as amended by the Superfund Amendments and Reauthorization Act (SARA).

Section I

Site-Specific Documents

ADMINISTRATIVE RECORD INDEX
for the
Western Sand and Gravel NPL Site
(Groundwater Remedy - Operable Unit III)

3.0 Remedial Investigation (RI)

3.1 Correspondence

Agency for Toxic Substances and Disease Registry (ATSDR)

1. Letter from Lynne A. Fratus, EPA Region I to Louise House, Agency for Toxic Substances and Disease Registry (ATSDR) (March 2, 1990). Concerning transmittal of the Draft Remedial Investigation Report.
2. Letter from Lynne A. Fratus, EPA Region I to Louise House, Agency for Toxic Substances and Disease Registry (ATSDR) (April 2, 1990). Concerning transmittal of Appendix O of the February 1990 "Draft Groundwater Remedial Investigation Report," Olin Corporation.

Camp Dresser & McKee Inc.

3. Memorandum from Jan Drake, Camp Dresser & McKee Inc. to Lynne A. Fratus, EPA Region I (June 15, 1989). Concerning review of contamination of the bedrock aquifer.
4. Letter from Karen Stone, Camp Dresser & McKee Inc. to Rose Harvell, EPA Region I (June 27, 1989). Concerning the attached "Letter Report: Review of Olin's Stream and Surface Water Assessment," Camp Dresser & McKee Inc. (May 12, 1989).
5. Letter from John Walker, Camp Dresser & McKee Inc. to Jack Jojokian, EPA Headquarters (July 14, 1989) with the attached "Draft Report Review of PRP's Data Validation Report" (July 14, 1989).

Olin Corporation

6. Letter from John W. Gallagher, EPA Region I to Verrill M. Norwood Jr., Olin Corporation (August 4, 1986) with the attached Telephone Notes between John W. Gallagher, EPA Region I and Margaret Leshen, EPA Region I (August 4, 1986). Concerning follow-up of July 29, 1986 meeting held to discuss cleanup of site
7. Letter from John W. Gallagher, EPA Region I to James C. Brown, Olin Corporation (September 4, 1986). Concerning the groundwater study.
8. Letter from James C. Brown, Olin Corporation to John W. Gallagher, EPA Region I (September 12, 1986). Concerning clarification of agreements made in the September 4, 1986 conference call.
9. Letter from Michael J. Bellotti and Robert D. McCaleb, Olin Corporation to John W. Gallagher, EPA Region I (January 12, 1987). Concerning clarification of soil samples.
10. Letter from John W. Gallagher, EPA Region I to James C. Brown, Olin Corporation (August 3, 1987). Concerning summary of the July 30, 1987 meeting regarding the closure and groundwater study.

3.1 Correspondence (cont'd.)

Olin Corporation (cont'd.)

11. Letter from James C. Brown, Olin Corporation to Lynne A. Fratus, EPA Region I and Felix Harvey, State of Rhode Island Department of Environmental Management (March 8, 1988). Concerning Groundwater Remedial Investigation/Feasibility Study and closure field activities.
12. Letter from Lynne A. Fratus, EPA Region I to James C. Brown, Olin Corporation (March 14, 1988). Concerning certification of approval for Groundwater Remedial Investigation Site Operations Plan.
13. Letter from James C. Brown, Olin Corporation to Lynne A. Fratus, EPA Region I (March 21, 1988) with attached model letter and well installation agreement. Concerning inability to obtain access to Lot 7/38 in North Smithfield.
14. Letter from James C. Brown, Olin Corporation to Lynne A. Fratus, EPA Region I and Felix Harvey, State of Rhode Island Department of Environmental Management (April 26, 1988). Concerning disposal of personal protective equipment.
15. Letter from Lynne A. Fratus, EPA Region I to James C. Brown, Olin Corporation (May 5, 1988). Concerning approval of contractors.
16. Letter from Richard Boynton, EPA Region I to James C. Brown, Olin Corporation (June 2, 1988). Concerning disposal of personal protective equipment and additional approval of analytical labs.
17. Letter from Richard Boynton, EPA Region I to James C. Brown, Olin Corporation (June 2, 1988). Concerning approval of Project Operations Plan.
18. Letter from James C. Brown, Olin Corporation to Lynne A. Fratus, EPA Region I and Warren S. Angell II, State of Rhode Island Department of Environmental Management (July 22, 1988). Concerning Phase II Groundwater Remedial Investigation/Feasibility Study well installation.
19. Letter from Lynne A. Fratus, EPA Region I to James C. Brown, Olin Corporation (July 27, 1988). Concerning split sample results.
20. Letter from Robert D. McCaleb for James C. Brown, Olin Corporation to Lynne A. Fratus, EPA Region I (August 19, 1988) with the attached specification sheets. Concerning piezometer installation and specifications.
21. Letter from Lynne A. Fratus, EPA Region I to James C. Brown, Olin Corporation (August 24, 1988). Concerning the bedrock well at CW-4.
22. Letter from Lynne A. Fratus, EPA Region I to James C. Brown, Olin Corporation (April 5, 1989). Concerning the March 28, 1989 meeting regarding Olin Corporation's findings and conclusions for the Remedial Investigation.
23. Letter from James C. Brown, Olin Corporation to Lynne A. Fratus, EPA Region I (August 7, 1989). Concerning findings from Olin Corporation's investigation of alternate bedrock monitoring well installation and sampling techniques.
24. Letter from James C. Brown, Olin Corporation to Lynne A. Fratus, EPA Region I (October 27, 1989). Concerning EPA's review of the draft GRI report.
25. Letter from James C. Brown, Olin Corporation to Lynne A. Fratus, EPA Region I and Warren S. Angell II, State of Rhode Island Department of Environmental Management (January 9, 1990). Concerning disposal of soil and bedrock samples.
26. Letter from James C. Brown, Olin Corporation to Lynne A. Fratus, EPA Region I and Warren S. Angell II, State of Rhode Island Department of Environmental Management (January 11, 1990). Concerning Olin Corporation's designation of David L. Cummings as coordinator.
27. Letter from Lynne A. Fratus, EPA Region I to David L. Cummings, Olin Corporation (January 22, 1990). Concerning response to the January 9, 1990 letter from James C. Brown, Olin Corporation.

3.1 Correspondence (cont'd.)

Olin Corporation (cont'd.)

28. Letter from Lynne A. Fratus, EPA Region I to Robert D. McCaleb, Olin Corporation (February 6, 1990). Concerning transmittal of the December 1988 "Guidance on Remedial Actions for Contaminated Groundwater at Superfund Sites."
29. Letter from David L. Cummings, Olin Corporation to Lynne A. Fratus, EPA Region I and Warren S. Angell II, State of Rhode Island Department of Environmental Management (February 26, 1990). Concerning the attached:
 - A. Cross Reference: "Draft Groundwater Remedial Investigation Report," Olin Corporation (February 1990) [Filed and cited as entry number 3 in 3.6 Remedial Investigation (RI) Reports].
 - B. Cross Reference: "Draft Groundwater Remedial Investigation Report - Appendices A-M," Olin Corporation (February 1990) [Filed and cited as entry number 4 in 3.6 Remedial Investigation (RI) Reports].
 - C. Cross Reference: "Draft Groundwater Remedial Investigation Report - Appendices N-U," Olin Corporation (February 1990) [Filed and cited as entry number 5 in 3.6 Remedial Investigation (RI) Reports].
 - D. Cross Reference: "Draft Groundwater Remedial Investigation Report - Appendices AA-AE," Olin Corporation (February 1990) [Filed and cited as entry number 6 in 3.6 Remedial Investigation (RI) Reports].
30. Letter from Robert D. McCaleb for David L. Cummings, Olin Corporation to Lynne A. Fratus and Warren S. Angell II, State of Rhode Island Department of Environmental Management, EPA Region I (March 16, 1990). Concerning transmittal of Appendix O of the February 1990 "Draft Groundwater Remedial Investigation Report," Olin Corporation.
31. Letter from Lynne A. Fratus, EPA Region I to Robert D. McCaleb, Olin Corporation (March 16, 1990). Concerning transmittal of the October 25, 1985 "Draft Focused Feasibility Study Report," Camp Dresser & McKee Inc.
32. Letter from Robert D. McCaleb, Olin Corporation to Warren S. Angell II, State of Rhode Island Department of Environmental Management (April 10, 1990). Concerning confirmation of the State of Rhode Island Department of Environmental Management's address.
33. Letter from David L. Cummings, Olin Corporation to Warren S. Angell II, State of Rhode Island Department of Environmental Management (April 11, 1990). Concerning request for approval or comments on the February 1990 "Draft Groundwater Remedial Investigation Report," Olin Corporation.
34. Letter from David L. Cummings, Olin Corporation to Lynne A. Fratus, EPA Region I and Warren S. Angell II, State of Rhode Island Department of Environmental Management (June 22, 1990). Concerning the attached:
 - A. Cross-Reference: "Draft Groundwater Remedial Investigation Report," Olin Corporation (June 1990) [Filed and cited as entry number 7 in 3.6 Remedial Investigation (RI) Reports].
 - B. Cross-Reference: "Draft Groundwater Remedial Investigation Report - Partial Appendices," Olin Corporation (June 1990) [Filed and cited as entry number 8 in 3.6 Remedial Investigation (RI) Reports].

The maps associated with the record cited as entry number 35 are oversized and may be reviewed, by appointment only, at EPA Region I, Boston, Massachusetts.

35. Letter from Robert D. McCaleb for David L. Cummings, Olin Corporation to Lynne A. Fratus, EPA Region I and Warren S. Angell II, State of Rhode Island Department of Environmental Management (August 10, 1990). Concerning transmittal of attached figures and maps to be inserted into the June 1990 "Groundwater Remedial Investigation Report," Olin Corporation.

3.1 Correspondence (cont'd.)

Olin Corporation (cont'd.)

36. Letter from Robert D. McCaleb for David L. Cummings, Olin Corporation to Lynne A. Fratus, EPA Region I and Warren S. Angell II, State of Rhode Island Department of Environmental Management (August 27, 1990). Concerning notification that Olin Corporation will sample GRI wells during the week of August 27, 1990.
37. Letter from Robert D. McCaleb, Olin Corporation to Burrillville Police Department (September 19, 1990). Concerning notification of acts of vandalism at the site.
38. Letter from Richard C. Boynton, EPA Region I to David L. Cummings, Olin Corporation (October 25, 1990). Concerning disapproval of the June 1990 "Groundwater Remedial Investigation Report," Olin Corporation.
39. Letter from Richard C. Boynton, EPA Region I to David L. Cummings, Olin Corporation (October 31, 1990). Concerning the need for additional groundwater data and the testing of samples for volatile organic compounds.
40. Letter from Robert D. McCaleb for David L. Cummings, Olin Corporation to Lynne A. Fratus, EPA Region I (November 1, 1990). Concerning transmittal of the following attachments:
 - A. Cross-Reference: "Groundwater Remedial Investigation - Text," Olin Corporation (June 1990) [Filed and cited as entry number 10 in 3.6 Remedial Investigation (RI) Reports].
 - B. Cross-Reference: "Groundwater Remedial Investigation - Appendices A-M," Olin Corporation (June 1990) [Filed and cited as entry number 11 in 3.6 Remedial Investigation (RI) Reports].
 - C. Cross-Reference: "Groundwater Remedial Investigation - Appendices N-U," Olin Corporation (June 1990) [Filed and cited as entry number 12 in 3.6 Remedial Investigation (RI) Reports].
 - D. Cross-Reference: "Groundwater Remedial Investigation - Appendices AA-AF," Olin Corporation (June 1990) [Filed and cited as entry number 13 in 3.6 Remedial Investigation (RI) Reports].
41. Letter from David L. Cummings, Olin Corporation to Lynne A. Fratus, EPA Region I and Warren S. Angell II, State of Rhode Island Department of Environmental Management (November 6, 1990). Concerning notification that groundwater sampling will be conducted November 8, 9, and 10, 1990.
42. Memorandum from Robert D. McCaleb, Olin Corporation to Warren S. Angell II, State of Rhode Island Department of Environmental Management (November 12, 1990). Concerning transmittal of sampling notes.
43. Letter from Bruce R. Cushing, BCM Engineers to Warren S. Angell II, State of Rhode Island Department of Environmental Management (November 12, 1990). Concerning transmittal of the "Biological Assessment Field Log Book" for review.
44. Letter from Robert T. Hart, Chemwest Analytical Laboratories, Inc. to Mickey Cartegena, CompuChem Laboratories, Inc. (November 15, 1990). Concerning transmittal of the attached data for November 9, 1990 sampling.
45. Letter from William Walsh-Rogalski, EPA Region I to Gregory L. Benik, Hinckley, Allen, Snyder & Comen (Attorney for Olin Hunt Specialty Products Inc.) (November 20, 1990). Concerning EPA's proposed resolution of the dispute concerning disapproval of the June 1990 "Revised Groundwater Remedial Investigation Report," Olin Corporation.
46. Letter from David L. Cummings, Olin Corporation to Lynne A. Fratus, EPA Region I (November 21, 1990). Concerning transmittal of the attached "Draft Summary of Groundwater Monitoring Well Data."
47. Letter from Lynne A. Fratus for Richard C. Boynton, EPA Region I to David L. Cummings, Olin Corporation (November 23, 1990). Concerning transmittal of the Addendum developed by EPA Region I to the June 1990 "Revised Groundwater Remedial Investigation Report," Olin Corporation.

3.1 Correspondence (cont'd.)

Olin Corporation (cont'd.)

48. Letter from Elaine Wong, Chemwest Analytical Laboratories, Inc. to Rick Camp, CompuChem Laboratories, Inc. (December 7, 1990). Concerning transmittal of the attached additional data for the November 9, 1990 sampling.
49. Memorandum from Robert D. McCaleb, Olin Corporation to Lynne A. Fratus, EPA Region I (December 13, 1990). Concerning transmittal of the attached groundwater monitoring well data summaries.
50. Letter from Richard C. Boynton, EPA Region I to David L. Cummings, Olin Corporation (February 7, 1991). Concerning a request that Olin Corporation conduct an investigation of the bedrock at the site.
51. Letter from David L. Cummings, Olin Corporation to Lynne A. Fratus, EPA Region I (March 11, 1991). Concerning notification that Olin Corporation plans to install and sample additional bedrock wells between the site and the residential neighborhood northwest of the site.

State of Rhode Island Department of Environmental Management

52. Letter from Lynne A. Fratus, EPA Region I to Warren S. Angell II, State of Rhode Island Department of Environmental Management (March 23, 1990). Concerning request for transmittal of the list of Applicable or Relevant and Appropriate Requirements (ARARs) as identified by the State of Rhode Island.
53. Letter from Lynne A. Fratus, EPA Region I to Warren S. Angell II, State of Rhode Island Department of Environmental Management (March 28, 1990). Concerning transmittal of the results of the screening of alternatives and request for a draft list of the action specific Applicable or Relevant and Appropriate Requirements (ARARs) as identified by the State of Rhode Island.
54. Letter from Lynne A. Fratus, EPA Region I to Warren S. Angell II, State of Rhode Island Department of Environmental Management (April 17, 1990). Concerning transmittal of notes from the April 16, 1990 meeting and the August 1988 "CERCLA Compliance with Other Laws Manual: Part II."
55. Letter from Lynne A. Fratus, EPA Region I to Warren S. Angell II, State of Rhode Island Department of Environmental Management (May 10, 1990). Concerning transmittal of the August 1988 "CERCLA Compliance with Other Laws Manual - Part I."
56. Letter from Richard C. Boynton, EPA Region I to Alicia M. Good, State of Rhode Island Department of Environmental Management (October 29, 1990). Concerning progress at the site, transmittal of the attached October 26, 1990 "Draft Groundwater Remedial Investigation Report Addendum," EPA Region I for comments, and the Letter from Richard C. Boynton, EPA Region I to David L. Cummings, Olin Corporation (October 25, 1990).
57. Letter from Warren S. Angell II, State of Rhode Island Department of Environmental Management to Richard C. Boynton, EPA Region I (November 5, 1990). Concerning transmittal of major findings regarding the biological assessment.
58. Letter from Lynne A. Fratus, EPA Region I to Warren S. Angell II, State of Rhode Island Department of Environmental Management (November 6, 1990). Concerning the meeting scheduled for November 9, 1990 regarding the Remedial Investigation Report.
59. Letter from Lynne A. Fratus for Richard C. Boynton, EPA Region I to Alicia M. Good, State of Rhode Island Department of Environmental Management (November 23, 1990). Concerning transmittal of the Final Addendum to the June 1990 Groundwater Remedial Investigation Report.

3.1 Correspondence (cont'd.)

State of Rhode Island Department of Environmental Management (cont'd.)

60. Letter from Warren S. Angell II, State of Rhode Island Department of Environmental Management to Lynne A. Fratus, EPA Region I (December 20, 1990). Concerning transmittal of the attached information concerning the State of Rhode Island Water Quality Regulations.
61. Letter from Paul Kulpa, State of Rhode Island Department of Environmental Management to Lynne A. Fratus, EPA Region I (February 4, 1991). Concerning notification that remedial activities have not addressed Non Aqueous Phase Liquids (NAPLs).
62. Letter from Warren S. Angell II for Claude Cote, State of Rhode Island Department of Environmental Management to Gregory L. Benik, Hinkley, Allen Snyder & Comen (Attorney for Olin Hunt Specialty Products, Inc.) (March 5, 1991). Concerning a request for additional sampling and the attached Memorandum from Carlene Newman, State of Rhode Island Department of Environmental Management to Alicia M. Good, State of Rhode Island Department of Environmental Management (January 15, 1991).

3.2 Sampling and Analysis Data

1. Letter from Anita C. Rigassio, Camp Dresser & McKee Inc. to Nancy Barmakian, EPA Region I (December 28, 1987). Concerning the attached organic analytical data from two low level water samples from Camp Dresser & McKee Inc.
2. Letter from Anita C. Rigassio, Camp Dresser & McKee Inc. to Nancy Barmakian, EPA Region I (December 29, 1987). Concerning the attached "Inorganic Analytical Data from Two Low Level Water Samples," Camp Dresser & McKee Inc.
3. Memorandum from Jan Drake, Camp Dresser & McKee Inc. to Lynne A. Fratus, EPA Region I (May 11, 1988). Concerning attached well samples.
4. Memorandum from Jan Drake, Camp Dresser & McKee Inc. to Lynne A. Fratus, EPA Region I (July 21, 1988). Concerning the attached "Certificate of Laboratory Analysis," Camp Dresser & McKee Inc. (July 12, 1988).

3.4 Interim Deliverables

Reports

Camp Dresser & McKee Inc.

1. Letter from Jan Drake, Camp Dresser & McKee Inc. to Lynne A. Fratus, EPA Region I (February 18, 1988). Concerning field oversight report.
2. Weekly Status Report Summary, Camp Dresser & McKee Inc. (April 19, 1988).
3. Letter from Lynne A. Fratus, EPA Region I to Jan Drake, Camp Dresser & McKee Inc. (May 5, 1988). Concerning the attached "Western Sand and Gravel GW RI/FS CDM Split Sampling Plan," Olin Corporation (April 4, 1988).
4. Memorandum from Jan Drake, Camp Dresser & McKee Inc. to Lynne A. Fratus, EPA Region I (May 23, 1988). Concerning the attached "Summary of Phase I Sampling Event," Camp Dresser & McKee Inc. (May 1988).
5. Letter from John Walker, Camp Dresser & McKee Inc. to Rose Harvell, EPA Region I (July 11, 1988). Concerning the attached "Quality Assurance Project Plan," Camp Dresser & McKee Inc. (July 11, 1988).
6. Letter from Karen Stone for John Walker, Camp Dresser & McKee Inc. to Rose Harvell, EPA Region I (January 6, 1989). Concerning the attached "Draft Letter Report: Organic Data Validation, Case 9615," Camp Dresser & McKee Inc. (January 6, 1989).

3.4 Interim Deliverables (cont'd.)

Reports - Camp Dresser & McKee Inc. (cont'd.)

7. Letter from Karen Stone for John Walker, Camp Dresser & McKee Inc. to Rose Harvell, EPA Region I (January 6, 1989). Concerning the attached "Draft Letter Report: Inorganic Data Validation, Case 9615," Camp Dresser & McKee Inc. (January 6, 1989).
8. Letter from Karen Stone for John Walker, Camp Dresser & McKee Inc. to Rose Harvell, EPA Region I (January 10, 1989). Concerning the attached "Letter Report: Summary of Split Sampling Oversight Activities," Camp Dresser & McKee Inc. (January 10, 1989).
9. Letter from Karen Stone, Camp Dresser & McKee Inc. to Rose Harvell, EPA Region I (March 2, 1989). Concerning the attached "Draft Letter Report: Data Validation," Camp Dresser & McKee Inc. (March 2, 1989).
10. Letter from Karen Stone, Camp Dresser & McKee Inc. to Rose Harvell, EPA Region I (June 27, 1989). Concerning the attached "Letter Report: Review of Olin's Assessment of Bedrock Aquifer Contamination," Camp Dresser & McKee Inc. (June 27, 1989).

Olin Corporation

11. "Sampling Plan for Groundwater," Olin Corporation (June 1987).
12. "Construction Procedures and Specifications," Olin Corporation (June 1987).
13. "Quality Assurance Plan for Groundwater Remedial Investigation and Feasibility Study," Olin Corporation (June 1987).
14. "Quality Assurance Plan for Groundwater Remedial Investigation and Feasibility Study and for Post-Closure Monitoring," Olin Corporation (November 6, 1987).
15. "Sampling Plan for Groundwater Remedial Investigation and Feasibility Study and for Post-Closure Monitoring," Olin Corporation (November 6, 1987).
16. "Construction Procedures and Specifications for Groundwater Remedial Investigation and Feasibility Study and for Post-Closure Monitoring," Olin Corporation (November 6, 1987).
17. Letter from Robert D. McCaleb for James C. Brown, Olin Corporation to Lynne A. Fratus, EPA Region I and Felix Harvey, State of Rhode Island Department of Environmental Management (December 23, 1987) with attached Exhibits A, B and C. Concerning a description of the soil vapor survey technique.
18. Letter from James C. Brown, Olin Corporation to Lynne A. Fratus, EPA Region I and Felix Harvey, State of Rhode Island Department of Environmental Management (March 8, 1988). Concerning transmittal of the attached "Description of Current Situation," Olin Corporation (February 1988).
19. Letter from James C. Brown, Olin Corporation to Lynne A. Fratus, EPA Region I (April 15, 1988) with attached replacement page 15 for the November 6, 1987 "Construction Procedures and Specifications for Groundwater Remedial Investigation and Feasibility Study and for Post-Closure Monitoring," Olin Corporation (November 6, 1987).
20. Letter from James C. Brown, Olin Corporation to Lynne A. Fratus, EPA Region I and Felix Harvey, State of Rhode Island Department of Environmental Management (May 13, 1988) with the attached "Project Operations Plan," Olin Corporation.
21. Letter from James C. Brown, Olin Corporation to Lynne A. Fratus, EPA Region I (May 26, 1988). Concerning Sampling Plan revision to use Teflon-coated stainless steel cable.
22. Letter from James C. Brown, Olin Corporation to Lynne A. Fratus, EPA Region I (June 30, 1988). Concerning the attached "Appendix I" to the Description of Current Situation.

3.4 Interim Deliverables (cont'd.)

Reports - Olin Corporation (cont'd.)

23. Letter from James C. Brown, Olin Corporation to Lynne A. Fratus, EPA Region I and Warren S. Angell II, State of Rhode Island Department of Environmental Management (July 1, 1988). Concerning transmittal of preliminary data for groundwater RI/FS and post-closure monitoring and the attached:
 - A. Attachment 1: Well Boring Logs.
 - B. Attachment 2: Chemical analytical results for the May sampling event for Groundwater Remedial Investigation/Feasibility Study and Post-Closure Monitoring.
 - C. Attachment 3: Bedrock Elevations and Contour Map.
 - D. Attachment 4: Water Elevations, typical piezometric gradient map, analysis of vertical groundwater gradients.
 - E. Attachment 5: Map and rationale for tentative Phase II well locations.
24. "Report on the Findings of the Petrex Soil Gas Survey for BCM Eastern and Olin Corporation," Petrex (July 1, 1988).

The maps associated with the record cited in entry number 25 are oversized and may be reviewed, by appointment only, at EPA Region I, Boston, Massachusetts.

25. Letter from James C. Brown, Olin Corporation to Lynne A. Fratus, EPA Region I and Warren S. Angell II, State of Rhode Island Department of Environmental Management (July 20, 1988). Concerning transmittal of additional information for July 1, 1988 package, Base Map (D-T412-120-10-1), isopleths of potentiometric heads in each zone, and residential well data summary.

The enclosures referred to the record cited in entry number 26 are oversized documents and may be reviewed, by appointment only, at EPA Region I, Boston, Massachusetts.

26. Letter from James C. Brown, Olin Corporation to Lynne A. Fratus, EPA Region I and Warren S. Angell II, State of Rhode Island Department of Environmental Management (August 5, 1988). Concerning transmittal of bedrock well specifications and sketch, base map, historic well locations-partial plan, base contour map, domestic well water summary maps, topographic sheets of site area, composite topographic sheet of site area, and topographic sheet with Phase I and II well locations.
27. Letter from James C. Brown, Olin Corporation to Lynne A. Fratus, EPA Region I and Warren S. Angell II, State of Rhode Island Department of Environmental Management (August 16, 1988). Concerning a proposal for analytical parameters for the second round of sampling.
28. Letter from James C. Brown, Olin Corporation to Lynne A. Fratus, EPA Region I (September 8, 1988) with the attached "December Revisions to Project Operations Plan," Olin Corporation.
29. Letter from James C. Brown, Olin Corporation to Lynne A. Fratus, EPA Region I (September 12, 1988). Concerning transmittal of the attached "September Revisions to Project Operations Plan for Groundwater Remedial Investigation and Feasibility Study and for Post-Closure Monitoring," Olin Corporation.
30. Letter from Robert D. McCaleb for James C. Brown, Olin Corporation to Lynne A. Fratus, EPA Region I and Warren S. Angell II, State of Rhode Island Department of Environmental Management (November 22, 1988). Concerning preliminary results of well installation and sample analysis associated with the groundwater at site and attached maps.
31. Letter from James C. Brown, Olin Corporation to Lynne A. Fratus, EPA Region I (January 20, 1989). Concerning transmittal of Exhibits A, B, and C of the Risk Assessment.

3.4 Interim Deliverables (cont'd.)

Reports - Olin Corporation (cont'd.)

Maps associated with the record cited in entry number 32 are oversized and may be reviewed, by appointment only, at EPA Region I, Boston, Massachusetts.

32. Letter from James C. Brown, Olin Corporation to Lynne A. Fratus, EPA Region I (April 11, 1989). Concerning transmittal of the attached "Draft Data Validation Review," BCM Eastern for Olin Corporation (December 1988).
33. Letter from James C. Brown, Olin Corporation to Lynne A. Fratus, EPA Region I (May 12, 1989). Concerning transmittal of the attached "Surface Water and Sediment Assessment," Olin Corporation.
34. Letter from James C. Brown, Olin Corporation to John Zannos, EPA Region I (May 18, 1989). Concerning transmittal of attached "Bedrock Investigation," Olin Corporation.
35. Letter from Robert D. McCaleb for James C. Brown, Olin Corporation to Lynne A. Fratus, EPA Region I (July 18, 1989). Concerning transmittal of attached "Addendum Number 1 to the Project Operations Plan," Olin Corporation (July 1989).
36. Letter from James C. Brown, Olin Corporation to Lynne A. Fratus, EPA Region I (July 27, 1989). Concerning transmittal of attached "Exhibit A - Well Group Selection for Risk Assessment," Olin Corporation.
37. Memorandum from Robert D. McCaleb, Olin Corporation to Lynne A. Fratus, EPA Region I (January 8, 1990). Concerning transmittal of the attached "Groundwater Risk Assessment," Olin Corporation (January 8, 1990).
38. Letter from Robert D. McCaleb, Olin Corporation to Lynne A. Fratus, EPA Region I (April 18, 1990). Concerning transmittal of the attached "Flow Net Evaluation," Olin Corporation (March 12, 1990).

Comments

Camp Dresser & McKee Inc.

39. Memorandum from Jan Drake, Camp Dresser & McKee Inc. to Lynne A. Fratus, EPA Region I (September 19, 1988). Concerning Olin Corporation's Phase I Data and attached maps.
40. Memorandum from Bill Swanson, Camp Dresser and McKee Inc. to Lynne A. Fratus and John Zannos, EPA Region I (December 1, 1988). Concerning review of sampling and analysis at the site and attached maps and data.
41. Letter from Lynne A. Fratus, EPA Region I to James C. Brown (June 29, 1989). Concerning transmittal of the "Draft Report: Review of PRP Data Validation Report," Camp Dresser & McKee Inc. (June 29, 1989).

Comments

EPA Region I

42. Comments Dated August 1, 1986 from John W. Gallagher, EPA Region I on the draft "Quality Assurance Plan for Groundwater Remedial Investigation and Feasibility Study and for Post-Closure Monitoring," Olin Corporation.
43. Comments Dated September 22, 1987 from Charles Porfert, EPA Region I on the June 1987 "Quality Assurance Plan for Groundwater Remedial Investigation and Feasibility Study," Olin Corporation.
44. Comments Dated January 21, 1988 from Lynne A. Fratus, EPA Region I on the Groundwater Remedial Investigation/Feasibility Study and Post-Closure Monitoring Site Operations Plan.

3.4 Interim Deliverables (cont'd.)

Comments - EPA Region I (cont'd.)

45. Comments Dated February 17, 1988 from Lynne A. Fratus, EPA Region I on the November 6, 1987 "Sampling Plan for Groundwater Remedial Investigation and Feasibility Study and for Post-Closure Monitoring," Olin Corporation.

Responses to Comments

Olin Corporation

46. Response Dated August 7, 1987 from John C. Brown, Olin Corporation on the August 1, 1986 Comments from John W. Gallagher, EPA Region I.
47. Response Dated January 21, 1988 from James C. Brown, Olin Corporation on the "Olin Responses to Comments by US EPA (Conference Call of January 13, 1988) on Western Sand and Gravel Groundwater Remedial Investigation/Feasibility Study and Post-Closure Monitoring Site Operations Plan," Olin Corporation.
48. Response Dated January 27, 1988 from Olin Corporation on the January 13, 1988 Conference Call.
49. Letter Dated March 8, 1988 from James C. Brown, Olin Corporation on the February 12, 1988 Conference Call with attached "Olin Responses to Comments by US EPA on Western Sand and Gravel Groundwater Remedial Investigation/Feasibility Study and Post-Closure Monitoring Well Construction Procedures and Specifications."
50. Letter Dated March 29, 1988 from James C. Brown, Olin Corporation on the attached February 17, 1988 Comments from Lynne A. Fratus, EPA Region I, the attached March 14, 1988 Comments from Lynne A. Fratus, EPA Region I, and the March 23, 1988 Conference Call.

3.5 Applicable or Relevant and Appropriate Requirements (ARARs)

1. Letter from James Fester, State of Rhode Island Department of Environmental Management to Merrill S. Hohman, EPA Region I (June 22, 1990). Concerning the attached Applicable or Relevant and Appropriate Requirements (ARARs):

General

- A. "Rhode Island Pretreatment Regulations," State of Rhode Island (June 26, 1984).
- B. "Rhode Island General Laws of 1956 Title 46 - Chapter 12 - Water Pollution."
- C. "Regulations for the Rhode Island Pollutant Discharge Elimination System," State of Rhode Island (June 26, 1984).

3.5 Applicable or Relevant and Appropriate Requirements (ARARs) (cont'd.)

Air

- D. "Sources Required to File Applications for Approval to Construct, Install, or Modify," State of Rhode Island.
- E. "Air Pollution Control Regulation No. 7 - Emission of Air Contaminants Detrimental to Person or Property," State of Rhode Island (July 19, 1977).
- F. "Air Pollution Control Regulation No. 9 - Approval to Construct, Install, Modify, or Operate," State of Rhode Island (March 28, 1988).
- G. "Air Pollution Control Regulation No. 15 - Control of Organic Solvent Emissions," State of Rhode Island (December 10, 1989).
- H. "Air Pollution Control Regulation No. 17 - Odors," State of Rhode Island (February 22, 1977).
- I. "Air Pollution Control Regulations No. 22 - Air Toxics," State of Rhode Island (November 22, 1989).

Water

- J. "Chapter 12 - Water Pollution."
- K. "Water Quality Regulations for Water Pollution Control," State of Rhode Island (May 21, 1984).

Groundwater

- L. "Chapter 13 - Groundwater Protection."
- M. "A Summary of Groundwater Classification - Draft," State of Rhode Island (January 1990).

Wetlands

- N. "Preliminary Determination Application - Freshwater Wetlands Application Package," State of Rhode Island.
- O. Letter from the State of Rhode Island concerning the attached compilation of rules and regulations governing the enforcement of the "Fresh Water Wetlands Act."
- P. Letter from W. Edward Wood, State of Rhode Island to Robert F. Burns, Secretary of the State of Rhode Island (March 9, 1981). Concerning the enclosed "Rules and Regulations Governing the Enforcement of the Fresh Water Wetlands Act."

3.6 Remedial Investigation (RI) Reports

Reports

- 1. "Draft Groundwater Remedial Investigation," Olin Corporation (June 1989).
- 2. "Draft Groundwater Remedial Investigation Report - Appendices," Olin Corporation (June 1989).

The maps associated with the records cited as entries numbered 3 through 6 are oversized and may be reviewed, by appointment only, at EPA Region I, Boston, Massachusetts.

- 3. "Draft Groundwater Remedial Investigation Report," Olin Corporation (February 1990).
- 4. "Draft Groundwater Remedial Investigation Report - Appendices A-M," Olin Corporation (February 1990).

3.6 Remedial Investigation (RI) Reports (cont'd.)

Reports (cont'd.)

5. "Draft Groundwater Remedial Investigation Report - Appendices N-U," Olin Corporation (February 1990).
6. "Draft Groundwater Remedial Investigation Report - Appendices AA-AE," Olin Corporation (February 1990).
7. "Draft Groundwater Remedial Investigation Report," Olin Corporation (June 1990).
8. "Draft Groundwater Remedial Investigation Report - Partial Appendices," Olin Corporation (June 1990).
9. "Addendum Report to Groundwater Remedial Investigation (GRI)," BCM Engineers, Inc. for Olin Corporation (October 1990).

The maps associated with the records cited as entries numbered 10 through 13 are oversized and may be reviewed, by appointment only, at EPA Region I, Boston, Massachusetts.

10. "Groundwater Remedial Investigation - Text," Olin Corporation (June 1990).
11. "Groundwater Remedial Investigation - Appendices A-M," Olin Corporation (June 1990).
12. "Groundwater Remedial Investigation - Appendices N-U," Olin Corporation (June 1990).
13. "Groundwater Remedial Investigation - Appendices AA-AF," Olin Corporation (June 1990).
14. "Groundwater Remedial Investigation Report - Addendum," EPA Region I (November 1990).

Comments

15. Comments Dated October 19, 1989 from Lynne A. Fratus, EPA Region I on the June 1989 "Draft Groundwater Remedial Investigation," Olin Corporation.
16. Comments Dated March 30, 1990 from Lynne A. Fratus, EPA Region I on the February 1990 "Draft Groundwater Remedial Investigation Report," Olin Corporation.
17. Comments Dated April 9, 1990 from Warren S. Angell II, State of Rhode Island Department of Environmental Management on the February 1990 "Draft Groundwater Remedial Investigation Report," Olin Corporation.
18. Comments Dated May 3, 1990 from Warren S. Angell II, State of Rhode Island Department of Environmental Management on the February 1990 "Draft Groundwater Remedial Investigation Report," Olin Corporation.
19. Comments Dated July 24, 1990 from Warren S. Angell II, State of Rhode Island Department of Environmental Management on the June 1990 "Groundwater Remedial Investigation Report," Olin Corporation.
20. Comments Dated September 10, 1990 from Warren S. Angell II, State of Rhode Island Department of Environmental Management on the June 1990 "Groundwater Remedial Investigation Report," Olin Corporation.
21. Comments Dated October 22, 1990 from Warren S. Angell II, State of Rhode Island Department of Environmental Management on the June 1990 "Groundwater Remedial Investigation Report," Olin Corporation.

3.6 Remedial Investigation (RI) Reports (cont'd.)

Responses to Comments

22. Response Dated November 10, 1989 from John C. Brown, Olin Corporation to the October 19, 1989 Comments from Lynne A. Fratus, EPA Region I.
23. Response Dated February 26, 1990 from Olin Corporation to the October 20, 1989, February 13 and February 22, 1990 Comments from Lynne A. Fratus, EPA Region I.
24. Response from Olin Corporation to the March 30, 1990 Comments from Lynne A. Fratus, EPA Region I on the February 1990 "Draft Groundwater Remedial Investigation Report," Olin Corporation.
25. Response from Olin Corporation to the April 9, 1990 Comments from Warren S. Angell II, State of Rhode Island Department of Environmental Management on the February 1990 "Draft Groundwater Remedial Investigation Report," Olin Corporation.
26. Response from Olin Corporation to the May 3, 1990 Comments from Warren S. Angell II, State of Rhode Island Department of Environmental Management on the February 1990 "Draft Groundwater Remedial Investigation Report," Olin Corporation.

3.7 Work Plans and Progress Reports

Reports

1. "Draft - Work Plan for Groundwater Remedial Investigation and Feasibility Study," Olin Corporation (February 1986).
2. "Work Plan for Groundwater Remedial Investigation and Feasibility Study," Olin Corporation (June 1987).
3. Progress Report, Olin Corporation (April 1, 1988).
4. Progress Report, Olin Corporation (May 1, 1988).
5. Progress Report, Olin Corporation (June 1, 1988).
6. Progress Report, Olin Corporation (July 1, 1988).
7. Progress Report, Olin Corporation (August 1, 1988).
8. Progress Report, Olin Corporation (September 1, 1988).
9. Progress Report, Olin Corporation (October 1, 1988).
10. Progress Report, Olin Corporation (November 1, 1988).
11. Progress Report, Olin Corporation (December 1, 1988).
12. Progress Report, Olin Corporation (January 1, 1989).
13. Progress Report, Olin Corporation (February 1, 1989).
14. Progress Report, Olin Corporation (March 1, 1989).
15. Progress Report, Olin Corporation (April 1, 1989).
16. Progress Report, Olin Corporation (May 1, 1989).
17. Progress Report, Olin Corporation (June 1, 1989).
18. Progress Report, Olin Corporation (July 1, 1989).
19. Progress Report, Olin Corporation (August 1, 1989).
20. Progress Report, Olin Corporation (September 1, 1989).
21. Progress Report, Olin Corporation (October 1, 1989).
22. Progress Report, Olin Corporation (November 1, 1989).
23. Progress Report, Olin Corporation (December 1, 1989).
24. Progress Report, Olin Corporation (January 1, 1990).
25. Progress Report, Olin Corporation (February 1, 1990).
26. Progress Report, Olin Corporation (March 1, 1990).
27. Progress Report, Olin Corporation (April 1, 1990).
28. Progress Report, Olin Corporation (May 1, 1990).

3.7 Work Plans and Progress Reports (cont'd.)

Reports (cont'd.)

29. Progress Report, Olin Corporation (June 5, 1990).
30. Progress Report, Olin Corporation (July 2, 1990).
31. Progress Report, Olin Corporation (August 1, 1990).
32. Progress Report, Olin Corporation (September 1, 1990).
33. Progress Report, Olin Corporation (October 1, 1990).
34. Progress Report, Olin Corporation (November 1, 1990).
35. Progress Report, Olin Corporation (December 1, 1990).
36. Progress Report, Olin Corporation (January 1, 1991).
37. Progress Report, Olin Corporation (February 1, 1991).
38. Progress Report, Olin Corporation (March 1, 1991).

Comments

39. Letter from John W. Gallagher, EPA Region I to Verrill M. Norwood Jr., Olin Corporation (April 14, 1986) with attached:
 - A. "Preliminary Review of Olin Workplans Site Closure and Groundwater Study," Olin Corporation.
 - B. Attendance List, EPA Region I, Rhode Island Department of Environmental Management, and Olin Corporation (April 1, 1986).
40. Letter from John W. Gallagher, EPA Region I to Verrill M. Norwood Jr., Olin Corporation (April 14, 1986) with attached comments on Olin Corporation's job safety plans for site closure and groundwater study.
41. Comments Dated December 31, 1987 from Lynne A. Fratus, EPA Region I on the February 1986 "Work Plan for Groundwater Remedial Investigation and Feasibility Study," Olin Corporation.

Responses to Comments

42. Response Dated May 14, 1986 from James C. Brown, Olin Corporation to the April 14, 1986 Comments from John W. Gallagher, EPA Region I.
43. Response Dated May 29, 1986 from John W. Gallagher, EPA Region I to the May 15, 1986 Response from James C. Brown, Olin Corporation.
44. Response dated July 23, 1986 from James C. Brown, Olin Corporation to the May 29, 1986 Comments from John W. Gallagher, EPA Region I.

4.0 Feasibility Study (FS)

4.1 Correspondence

Agency for Toxic Substances and Disease Registry (ATSDR)

1. Letter from Lynne A. Fratus, EPA Region I to Louise House, Agency for Toxic Substances and Disease Registry (ATSDR) (February 4, 1991). Concerning an update of activities at the site and transmittal of the addenda to the Remedial Investigation and Feasibility Study Reports.

4.1 Correspondence (cont'd.)

BCM Engineers, Inc.

2. Letter from Roy C. Peterson, BCM Engineers, Inc. to Lynne A. Fratus, EPA Region I (May 8, 1990). Concerning transmittal of the attached:
 - A. Cross-Reference: "Draft Groundwater Feasibility Study Report - Volume I," Olin Corporation (May 1990) [Filed and cited as entry number 2 in 4.6 Feasibility Study (FS) Reports].
 - B. Cross-Reference: "Draft Groundwater Feasibility Study Report - Volume II," Olin Corporation (May 1990) [Filed and cited as entry number 3 in 4.6 Feasibility Study (FS) Reports].
3. Letter from Roy C. Peterson, BCM Engineers, Inc. to Lynne A. Fratus, EPA Region I (October 12, 1990). Concerning the transmittal of the following attachments:
 - A. Cross-Reference: "Groundwater Feasibility Study - Volume I," BCM Engineers, Inc. for Olin Corporation (October 1990) [Filed and cited as entry number 4 in 4.6 Feasibility Study (FS) Reports].
 - B. Cross-Reference: "Groundwater Feasibility Study - Volume II," BCM Engineers, Inc. for Olin Corporation (October 1990) [Filed and cited as entry number 5 in 4.6 Feasibility Study (FS) Reports].
 - C. Cross-Reference: "Groundwater Feasibility Study - Volume III," BCM Engineers, Inc. for Olin Corporation (October 1990) [Filed and cited as entry number 6 in 4.6 Feasibility Study (FS) Reports].

Olin Corporation

4. Letter from David L. Cummings, Olin Corporation to Lynne A. Fratus, EPA Region I and Warren S. Angell II, State of Rhode Island Department of Environmental Management (February 1, 1990). Concerning transmittal of the attached progress report and Feasibility Study schedule.
5. Letter from Lynne A. Fratus, EPA Region I to David L. Cummings, Olin Corporation (February 23, 1990). Concerning revisions to the Feasibility Study schedule.
6. Letter from Lynne A. Fratus, EPA Region I to Robert D. McCaleb, Olin Corporation (April 17, 1990). Concerning the need for a section in the Feasibility Study addressing the potential for development of the affected area.
7. Letter from Robert D. McCaleb for David L. Cummings, Olin Corporation to Lynne A. Fratus, EPA Region I (May 8, 1990). Concerning notification that the February 26, 1990 "Initial Screening of Technologies and Process Options," BCM Engineers, Inc. for Olin Corporation and the March 23, 1990 "Alternative Screening Results," BCM Engineers, Inc. for Olin Corporation have been clarified and incorporated into the May 1990 "Draft Feasibility Study Report," Olin Corporation.
8. Letter from Robert D. McCaleb and David L. Cummings, Olin Corporation to Lynne A. Fratus, EPA Region I and Warren S. Angell II, State of Rhode Island Department of Environmental Management (July 10, 1990). Concerning a summary of the June 28, 1990 meeting and a request for a project schedule extension.
9. Letter from Robert D. McCaleb and David L. Cummings, Olin Corporation to Lynne A. Fratus, EPA Region I and Warren S. Angell II, State of Rhode Island Department of Environmental Management (July 26, 1990). Concerning a revised project schedule for the groundwater model.
10. Letter from Lynne A. Fratus, EPA Region I to David L. Cummings, Olin Corporation (August 24, 1990). Concerning notification that Olin Corporation is in violation of the Consent Decree for not submitting a revised "Groundwater Feasibility Study Report" within thirty days.

4.1 Correspondence (cont'd.)

Olin Corporation (cont'd.)

11. Letter from David L. Cummings, Olin Corporation to Lynne A. Fratus, EPA Region I (September 4, 1990). Concerning Olin Corporation's response to EPA's notification that Olin is in non-compliance with the Consent Decree.
12. Memorandum from Robert D. McCaleb, Olin Corporation to Lynne A. Fratus, EPA Region I (December 12, 1990). Concerning transmittal of the attached BCM Engineers acreage estimates.
13. Memorandum from Robert D. McCaleb, Olin Corporation to Lynne A. Fratus, EPA Region I (December 14, 1990). Concerning transmittal of the attached description of the modeling scenarios.
14. Letter from Robert D. McCaleb, Olin Corporation to Lynne A. Fratus, EPA Region I (January 7, 1991). Concerning calculations of contaminant mass in the aquifer.
15. Letter from Robert D. McCaleb and David L. Cummings, Olin Corporation to Lynne A. Fratus, EPA Region I (January 7, 1991). Concerning transmittal of the attached revisions and expansions to the October 1990 Feasibility Study alternatives.
16. Letter from Robert D. McCaleb and David L. Cummings, Olin Corporation to Lynne A. Fratus, EPA Region I (January 22, 1991). Concerning transmittal of the attached "Revised Cost Estimates."
17. Memorandum from Robert D. McCaleb, Olin Corporation to Lynne A. Fratus, EPA Region I (January 23, 1991). Concerning calculations of the contaminant mass in the aquifer.
18. Memorandum from Robert D. McCaleb, Olin Corporation to Lynne A. Fratus, EPA Region I (January 23, 1991). Concerning acreage estimates.
19. Memorandum from Robert D. McCaleb, Olin Corporation to Lynne A. Fratus, EPA Region I (January 23, 1991). Concerning transmittal of the attached revised figures for the Feasibility Study.
20. Letter from Robert D. McCaleb, Olin Corporation to Lynne A. Fratus, EPA Region I (January 23, 1991). Concerning transmittal of the attached calculations of contaminant mass in the aquifer.
21. Letter from Richard C. Boynton, EPA Region I to David L. Cummings, Olin Corporation (February 4, 1991). Concerning transmittal of the February 1991 "Groundwater Feasibility Study Report - Addendum," EPA Region I and the Proposed Plan for the site cleanup.
22. Letter from Lynne A. Fratus, EPA Region I to David L. Cummings, Olin Corporation (March 15, 1991). Concerning transmittal of the requested comments submitted to EPA Region I on the Proposed Plan for the site cleanup by the State of Rhode Island Department of Environmental Management.

State of Rhode Island Department of Environmental Management

23. Memorandum from Lynne A. Fratus, EPA Region I to State of Rhode Island Department of Environmental Management staff (December 5, 1990). Concerning a briefing on the proposed plan for the site.
24. Letter from Richard C. Boynton, EPA Region I to Alicia M. Good, State of Rhode Island Department of Environmental Management (January 4, 1991). Concerning the Draft Addendum to the Groundwater Feasibility Study Report.
25. Letter from Lynne A. Fratus for Richard C. Boynton, EPA Region I to Alicia M. Good, State of Rhode Island Department of Environmental Management (January 9, 1991). Concerning transmittal of Appendix A of the Feasibility Study Report Addendum for review.

4.1 Correspondence (cont'd.)

State of Rhode Island Department of Environmental Management (cont'd.)

26. Letter from Lynne A. Fratus for Richard C. Boynton, EPA Region I to Alicia M. Good, State of Rhode Island Department of Environmental Management (January 22, 1991). Concerning transmittal of a draft of the Feasibility Study Report Addendum for review.
27. Letter from Richard C. Boynton, EPA Region I to Alicia M. Good, State of Rhode Island Department of Environmental Management (February 4, 1991). Concerning transmittal of the February 1991 "Groundwater Feasibility Study Report - Addendum," EPA Region I and the Proposed Plan for the site cleanup.
28. Letter from Lynne A. Fratus, EPA Region I to Susan Kiernan, State of Rhode Island Department of Environmental Management (February 28, 1991). Concerning potential applicable or relevant and appropriate requirements regarding the site.

4.4 Interim Deliverables

Reports

1. "Summary, Remedial Objectives, and Potential Technologies for Remediation," Olin Corporation (February 8, 1990).
2. "Initial Screening of Technologies and Process Options," BCM Engineers, Inc. for Olin Corporation (February 26, 1990).
3. "Alternative Screening Results," BCM Engineers, Inc. for Olin Corporation (March 23, 1990).

Comments

4. Comments Dated February 13, 1990 from Lynne A. Fratus, EPA Region I on the February 8, 1990 "Summary, Remedial Objectives, and Potential Technologies for Remediation," Olin Corporation.
5. Comments Dated February 22, 1990 from Lynne A. Fratus, EPA Region I on the February 8, 1990 "Summary, Remedial Objectives, and Potential Technologies for Remediation," Olin Corporation.
6. Comments Dated March 14, 1990 from Lynne A. Fratus, EPA Region I on the February 26, 1990 "Initial Screening of Technologies and Process Options," BCM Engineers, Inc. for Olin Corporation.
7. Comments Dated April 10, 1990 from Lynne A. Fratus, EPA Region I on the March 23, 1990 "Alternative Screening Results," BCM Engineers, Inc. for Olin Corporation.

Responses to Comments

8. Letter from David L. Cummings, Olin Corporation to Lynne A. Fratus, EPA Region I and Warren S. Angell II, State of Rhode Island Department of Environmental Management (February 27, 1990). Concerning transmittal of the attached:
 - A. Response from Olin Corporation to the February 13, 1990 Comments from Lynne A. Fratus, EPA Region I.
 - B. Response from Olin Corporation to the February 22, 1990 Comments from Lynne A. Fratus, EPA Region I.